

Table 30.1

Myelodysplastic Syndromes, Chronic Myeloproliferative Disorders, and Chronic Myelomonocytic Leukemia

Counts, Percents and Age-Adjusted Incidence Rates^a for the 18 SEER Geographic Areas by Subtype, 2005-2009

Site	Both Sexes			Males			Females		
	Count	Percent	Rate	Count	Percent	Rate	Count	Percent	Rate
Total	30,199	100.0%	7.5	16,353	100.0%	9.7	13,846	100.0%	6.0
Myelodysplastic Syndromes (MDS)	18,169	100.0%	4.5	10,082	100.0%	6.2	8,087	100.0%	3.5
Refractory anemia (RA), NOS	2,065	11.4%	0.5	1,064	10.6%	0.7	1,001	12.4%	0.4
RA with ringed sideroblasts	1,368	7.5%	0.3	776	7.7%	0.5	592	7.3%	0.3
RA with excess blasts (RAEB)	2,508	13.8%	0.6	1,483	14.7%	0.9	1,025	12.7%	0.4
RAEB in transformation	102	0.6%	0.0	56	0.6%	0.0	46	0.6%	0.0
Refractory cytopenia w/multilineage dysplasia	1,068	5.9%	0.3	688	6.8%	0.4	380	4.7%	0.2
Myelodysplastic syndrome with 5q deletion	413	2.3%	0.1	154	1.5%	0.1	259	3.2%	0.1
Therapy-related myelodysplastic syndrome	342	1.9%	0.1	174	1.7%	0.1	168	2.1%	0.1
Myelodysplastic syndrome, NOS	10,303	56.7%	2.6	5,687	56.4%	3.5	4,616	57.1%	2.0
Chronic Myeloproliferative Disorders (CMD)	10,439	100.0%	2.5	5,285	100.0%	2.9	5,154	100.0%	2.3
Polycythemia vera	3,881	37.2%	0.9	2,257	42.7%	1.2	1,624	31.5%	0.7
Chronic myeloproliferative disease, NOS	1,613	15.5%	0.4	811	15.3%	0.5	802	15.6%	0.4
Myelosclerosis with myeloid metaplasia	1,112	10.7%	0.3	673	12.7%	0.4	439	8.5%	0.2
Essential thrombocythemia	3,646	34.9%	0.9	1,430	27.1%	0.8	2,216	43.0%	1.0
Chronic neutrophilic leukemia	21	0.2%	0.0	-	-	-	-	-	-
Hypereosinophilic syndrome	166	1.6%	0.0	100	1.9%	0.1	66	1.3%	0.0
Chronic Myelomonocytic Leukemia (CMML)	1,591	100.0%	0.4	986	100.0%	0.6	605	100.0%	0.3

Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

- Statistic not shown due to fewer than 16 cases during the time period.